

Converting Colors

XYZ(65.7498, 36.3310, 61.5501)

Have a look what the booklet for
XYZ(65.7498, 36.3310, 61.5501)
contains.

XYZ(54.7755, 30.6999, 60.7963)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.7755, 30.6999,
60.7963)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4BCD
RGB	255, 75, 205
RGB Percent	100%, 29%, 80%
CMY	0.0000, 0.7058, 0.1961
CMYK	0.00, 0.71, 0.20, 0.00
HSL	317°, 100%, 65%
HSV	317°, 71%, 100%
XYZ	54.7755, 30.6999, 60.7963
YIQ	143.6400, 65.5500, 78.5900

Conversions

Conversions Part 2

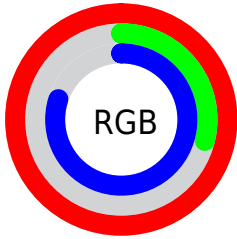
Format	Color
RYB	255, 75, 205
Decimal	16731085
CIELab	62.25, 78.79, -29.77
CIElCh	62, 84.226, 339.301
Yxy	30.6999, 0.3745, 0.2099
Android (android.graphics.Color)	4294921165 (0xFFFF4BCD)
YUV	143.6400, 30.2505, 97.6627
Hunter-Lab	55.4075, 79.5009, -26.2712

Details

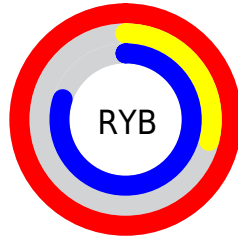
The XYZ color **54.7755, 30.6999, 60.7963** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **42.3647, 74.4972, 31.5518**, and the grayscale version is **26.2304, 27.5964, 30.0525**.

A 20% lighter version of the original color is **68.2357, 46.3713, 99.9619**, and **27.7532, 13.6713, 30.0302** is the 20% darker color. If you saturate the color by 10%, you get **52.5432, 27.5729, 55.9286**, and if you desaturate by 10%, it is **57.7405, 35.2302, 66.0999**.

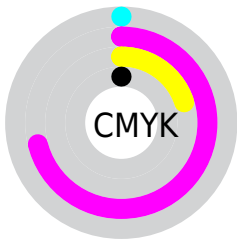
Distribution



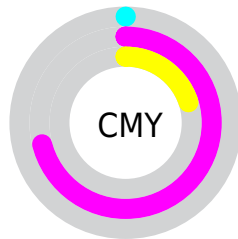
- Red (100%)
- Green (29%)
- Blue (80%)



- Red (100%)
- Yellow (29%)
- Blue (80%)



- Cyan (0%)
- Magenta (71%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7755, 30.6999, 60.7963 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 54.7755, 30.6999, 60.7963 by changing the saturation by 10% instead.


 54.7755, 30.6999,
60.7963

 54.7755, 30.6999,
60.7963


395.2106,
305.1534, 445.4126


 39.4551, 20.3704,
43.6313

 96.3622, 60.7673,
107.5386


 27.2963, 12.6646,
30.0457


 123.3592, 81.2740,
137.9530

 17.9336, 7.1980,
19.6209


 154.9792,
105.9419, 173.6209

 11.0017, 3.5862,
11.9385

 191.5875,
135.1554, 214.9609

 6.1353, 1.4449,
6.5798

233.5494,
169.2989, 262.3915

 2.9690, 0.2495,
3.1263

281.2303,

 1.1374, 0.0000,

208.7568, 316.3313

1.1595

334.9956,
253.9135, 377.1988

■ 0.0560, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7755, 30.6999,
60.7963

■ 54.7755, 30.6999,
60.7963

■ 52.5432, 27.5729,
55.9286

■ 57.7405, 35.2302,
66.0999

■ 50.9525, 25.6679,
51.4629

■ 61.5105, 41.3076,
71.8650

■ 49.9089, 24.7275,
47.5797

■ 66.1509, 49.0626,
78.1161

■ 71.7201, 58.6107,
84.8750

78.2709, 70.0571,
92.1617

85.8524, 83.4989,
99.9948

94.5100, 99.0265,
108.3916

95.0500, 100.0000,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.3298, 30.6999, 109.0411



54.7755, 30.6999, 60.7963



56.5033, 30.6999, 24.2959

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.7755, 30.6999, 60.7963



25.7872, 30.6999, 1.8918



15.3222, 30.6999, 90.8236

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.7755, 30.6999, 60.7963



42.3647, 74.4972, 31.5518

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.4869, 30.6999, 44.5996



54.7755, 30.6999, 60.7963



17.4085, 30.6999, 4.6171

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.7755, 30.6999, 60.7963



37.6077, 30.6999, 2.4069



13.1359, 30.6999, 15.8228



22.1149, 30.6999, 132.8431

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.7755, 30.6999, 60.7963



52.6940, 30.6999, 11.1967



13.1359, 30.6999, 15.8228



13.9667, 30.6999, 74.3773

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.7763, 30.7013, 60.7969



77.9784, 69.5421, 91.8480



28.7362, 16.4650, 96.2712



16.2843, 14.1714, 19.2184



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.7763, 30.7013, 60.7969



51.7676, 26.5929, 53.9092



46.9681, 27.5781, 19.6796



18.5648, 18.2092, 21.5912



26.1451, 12.9473, 25.2124



2.5921, 1.2792, 2.6993

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.7763, 30.7013, 60.7969



51.7676, 26.5929, 53.9092



50.6730, 77.8205, 75.3025



18.5648, 18.2092, 21.5912



26.1451, 12.9473, 25.2124



2.5921, 1.2792, 2.6993

Previews

White Background



This preview shows how the XYZ color 54.7755, 30.6999, 60.7963 looks on a white background.

Color Contrast Check

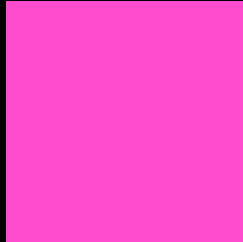
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 54.7755, 30.6999, 60.7963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

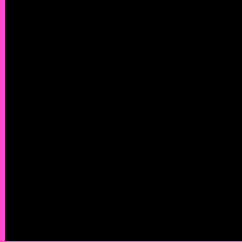
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7755, 30.6999, 60.7963

Background



This preview shows how black text looks on a background with the XYZ color 54.7755, 30.6999, 60.7963.



This preview shows how white text looks on a background with the XYZ color 54.7755, 30.6999,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.7755, 30.6999, 60.7963

Protanopia

34.3094, 31.0907, 98.8005

Deuteranopia

31.5956, 30.8707, 55.9231



Tritanopia

45.6708, 30.4191, 18.2162

Trichromacy



Original Color

54.7755, 30.6999, 60.7963



Protanomaly

36.6206, 27.2628, 83.4529



Deuteranomaly

36.6746, 27.8655, 57.4785



Tritanomaly

48.0921, 30.0128, 30.0464

Monochromacy



Original Color

54.7755, 30.6999, 60.7963



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

33.2469, 26.1372, 39.3691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7755, 30.6999, 60.7963 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 75, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 205)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 75, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 205) }
```

Border

The CSS property to change the border of an element to XYZ 54.7755, 30.6999, 60.7963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 75, 205) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 75, 205) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 75, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7755, 30.6999, 60.7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 205) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255, 75,  
205) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor